

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/920,137A

DATE: 05/16/2002
TIME: 16:26:41

INPUT SET: S36855.raw

This Raw Listing contains the General Information Section and up to the first 5 pages. ENTERED

SEQUENCE LISTING

(1) General Information:

- (i) APPLICANT: Coleman, Roger
Bandman, Olga
Wilde, Craig G.
- (ii) TITLE OF INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS
- (iii) NUMBER OF SEQUENCES: 11
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
 - (B) STREET: 3174 Porter Drive
 - (C) CITY: Palo Alto
 - (D) STATE: CA
 - (E) COUNTRY: U.S.
 - (F) ZIP: 94304
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette
 - (B) COMPUTER: IBM Compatible
 - (C) OPERATING SYSTEM: DOS
 - (D) SOFTWARE: FastSEQ Version 1.5
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Luther, Barbara J.
 - (B) REGISTRATION NUMBER: 33,954
 - (C) REFERENCE/DOCKET NUMBER: PF-0027 US
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 415-855-0555
 - (B) TELEFAX: 415-852-0195

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 289 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single

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47 (D) TOPOLOGY: linear

48

49 (ii) MOLECULE TYPE: cDNA

50

51 (vii) IMMEDIATE SOURCE:

52 (A) LIBRARY: Human Pancreas

53 (B) CLONE: 223187

54

55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

56

57	ATGAAGGTCT	CCGCAGCACT	TCTGTGGCTG	CTGCTCATAG	CAGCTGCCTT	CAGCCCCCAG	60
58	GGGCTCACTG	GGCCAGCTTC	TGTCCCAACC	ACCTGCTGCT	TTAACCTGGC	CAATAGGAAG	120
59	ATACCCCTTC	AGCGACTAGA	GAGCTACAGG	AGAATCACCA	GTGGCAAATG	TCCCCAGAAA	180
60	GCTGTGATCT	TCAAGACCAA	ACTGGCCAAG	GATATCTGTG	CCGACCCCAA	GAAGAAGTGG	240
61	GTGCAGGATT	CCATGAAGTA	TCTGGACCAA	AAATCTCCAA	CTCCAAAGC		289

62

63

64 (2) INFORMATION FOR SEQ ID NO:2:

65

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 97 amino acids

68 (B) TYPE: amino acid

69 (C) STRANDEDNESS: single

70 (D) TOPOLOGY: linear

71

72 (ii) MOLECULE TYPE: peptide

73

74 (vii) IMMEDIATE SOURCE:

75 (A) LIBRARY: Human Pancreas

76 (B) CLONE: 223187

77

78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

79

80	Met	Lys	Val	Ser	Ala	Ala	Leu	Leu	Trp	Leu	Leu	Ile	Ala	Ala	Ala
81	1				5					10				15	
82	Phe	Ser	Pro	Gln	Gly	Leu	Thr	Gly	Pro	Ala	Ser	Val	Pro	Thr	Cys
83				20					25				30		
84	Cys	Phe	Asn	Leu	Ala	Asn	Arg	Lys	Ile	Pro	Leu	Gln	Arg	Leu	Glu
85			35					40				45			
86	Tyr	Arg	Arg	Ile	Thr	Ser	Gly	Lys	Cys	Pro	Gln	Lys	Ala	Val	Ile
87		50					55				60				
88	Lys	Thr	Lys	Leu	Ala	Lys	Asp	Ile	Cys	Ala	Asp	Pro	Lys	Lys	Lys
89		65				70					75			80	
90	Val	Gln	Asp	Ser	Met	Lys	Tyr	Leu	Asp	Gln	Lys	Ser	Pro	Thr	Pro
91					85					90				95	
92	Pro														

93

94

95 (2) INFORMATION FOR SEQ ID NO:3:

96

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 402 base pairs

99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: cDNA
104
105 (vii) IMMEDIATE SOURCE:
106 (A) LIBRARY: Human Pancreas
107 (B) CLONE: 226152
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
110
111 ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGGCCTTTGG CATCCCCAGG 60
112 ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTCCTCA AGTACAGCCA AAGGAAGATT 120
113 CCCGCCAAGG TTGTCCGCAG CTACCGGAAG CAGGAACCAA GCTTAGGCTG CTCCATCCCA 180
114 GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCAGA CCCAAAGGAG 240
115 CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCACA GAAACCAGCC 300
116 CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGAAA GGGCTCCAAA 360
117 GGCTGCAAGA GGA CTGAGCG GTCACAGACC CCTAAAGGGC CA 402
118
119

(2) INFORMATION FOR SEQ ID NO:4:

120
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 134 amino acids
123 (B) TYPE: amino acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
126
127 (ii) MOLECULE TYPE: peptide
128
129 (vii) IMMEDIATE SOURCE:
130 (A) LIBRARY: Human Pancreas
131 (B) CLONE: 226152
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134
135
136 Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val Leu Ala Phe
137 1 5 10 15
138 Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln Asp Cys Cys
139 20 25 30
140 Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val Arg Ser Tyr
141 35 40 45
142 Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala Ile Leu Phe
143 50 55 60
144 Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp Pro Lys Glu
145 65 70 75 80
146 Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr Pro Ser Pro
147 85 90 95
148 Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala Ser Lys Thr
149 100 105 110
150 Gly Lys Lys Gly Lys Gly Ser Lys Gly Cys Lys Arg Thr Glu Arg Ser
151 115 120 125
152 Gln Thr Pro Lys Gly Pro

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153 130

154

155

(2) INFORMATION FOR SEQ ID NO:5:

156

157

(i) SEQUENCE CHARACTERISTICS:

158

(A) LENGTH: 97 amino acids

159

(B) TYPE: amino acid

160

(C) STRANDEDNESS: single

161

(D) TOPOLOGY: linear

162

163

(ii) MOLECULE TYPE: peptide

164

165

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166

Met Lys Val Ser Ala Ala Leu Leu Ala Leu Leu Ile Ala Ala Ala

167

1 5 10 15

168

Phe Cys Pro Gln Gly Leu Ala Gln Pro Asp Gly Val Asp Thr Pro Thr

169

20 25 30

170

Thr Cys Cys Phe Asn Tyr Ile Asn Arg Lys Ile Pro Arg Gln Arg Leu

171

35 40 45

172

Glu Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Ser Lys Pro Ala Val

173

50 55 60

174

Ile Phe Lys Thr Lys Arg Ala Lys Gln Val Cys Ala Asp Pro Lys Glu

175

65 70 75 80

176

Lys Trp Val Gln Asp Ser Met Lys His Leu Asp Lys Gln Thr Pro Lys

177

85 90 95

178

Pro

179

180

181

182

(2) INFORMATION FOR SEQ ID NO:6:

183

184

(i) SEQUENCE CHARACTERISTICS:

185

(A) LENGTH: 92 amino acids

186

(B) TYPE: amino acid

187

(C) STRANDEDNESS: single

188

(D) TOPOLOGY: linear

189

190

(ii) MOLECULE TYPE: peptide

191

192

(vii) IMMEDIATE SOURCE:

193

(A) LIBRARY: GenBank

194

(B) CLONE: MIP-1a

195

196

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

197

Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala

198

1 5 10 15

199

Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala

200

20 25 30

201

Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala

202

35 40 45

203

Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe

204

50 55 60

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206 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
207 65 70 75 80
208 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
209 85 90
210
211

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 92 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank
(B) CLONE: MIP-1b

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

228 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
229 1 5 10 15
230 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
231 20 25 30
232 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
233 35 40 45
234 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val
235 50 55 60
236 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
237 65 70 75 80
238 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
239 85 90
240
241

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 91 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank
(B) CLONE: RANTES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

257
258 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala

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SEQUENCE VERIFICATION REPORT
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